

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Tascosa Energy Partners, LLC 901 W. Missouri Avenue, Midland, TX 79701		² OGRID Number 329748	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 015-49112	⁵ Pool Name Avalon; Bone Spring		⁶ Pool Code 96381
⁷ Property Code 331801	⁸ Property Name Catalina 25 30 State Com		⁹ Well Number 002H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	25	20S	26E		1325'	S	250'	W	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	30	20S	27E	I	2008'	S	291'	E	Eddy
¹² Lse Code State	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/20/2022	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
33479	Holly Frontier Refining and Marketing LLC. 1602 W. Main, Artesia, NM 88210	O
151618	Enterprise Field Services, LLC. P.O. Box 4324 Houston, TX 77210	G

IV. Well Completion Data

²¹ Spud Date 3/19/22	²² Ready Date 8/20/22	²³ TD 17,432' MD, 7768' TVD	²⁴ PBDT 17,378' TMD; 7770' TVD	²⁵ Perforations 7,866' - 17,368' MD; 7567' - 7778' TVD	²⁶ DHC, MC No
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	473'	866		
12.25"	9.625"	3,010'	750		
8.75" (3010' - 8230'), 8.5" to TD	5.5"	17,432'	2670		
	2.875"	6,955'			

V. Well Test Data

³¹ Date New Oil 8/22/2022	³² Gas Delivery Date 8/22/2022 - Enterprise is SI	³³ Test Date 9/3/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 811 psi	³⁶ Csg. Pressure 0 psi
³⁷ Choke Size 46/64ths	³⁸ Oil 815 BOPD	³⁹ Water 1813 BWPD	⁴⁰ Gas 2826 MCFPD		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Alyssa McNear Printed name: Alyssa McNear Title: Engineering Manager E-mail Address: adavanzo@tascosaep.com Date: 8/19/2022	OIL CONSERVATION DIVISION	
	Approved by:	
	Title:	
	Approval Date:	
	Phone: 720-244-4417	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49112		² Pool Code	³ Pool Name Avalon; Bone Spring
⁴ Property Code 331801	⁵ Property Name CATALINA 2530 STATE COM		⁶ Well Number 2H
⁷ OGRID No. - 329748	⁸ Operator Name TASCOSA ENERGY PARTNERS, LLC.		⁹ Elevation 3288'

¹⁰Surface Location

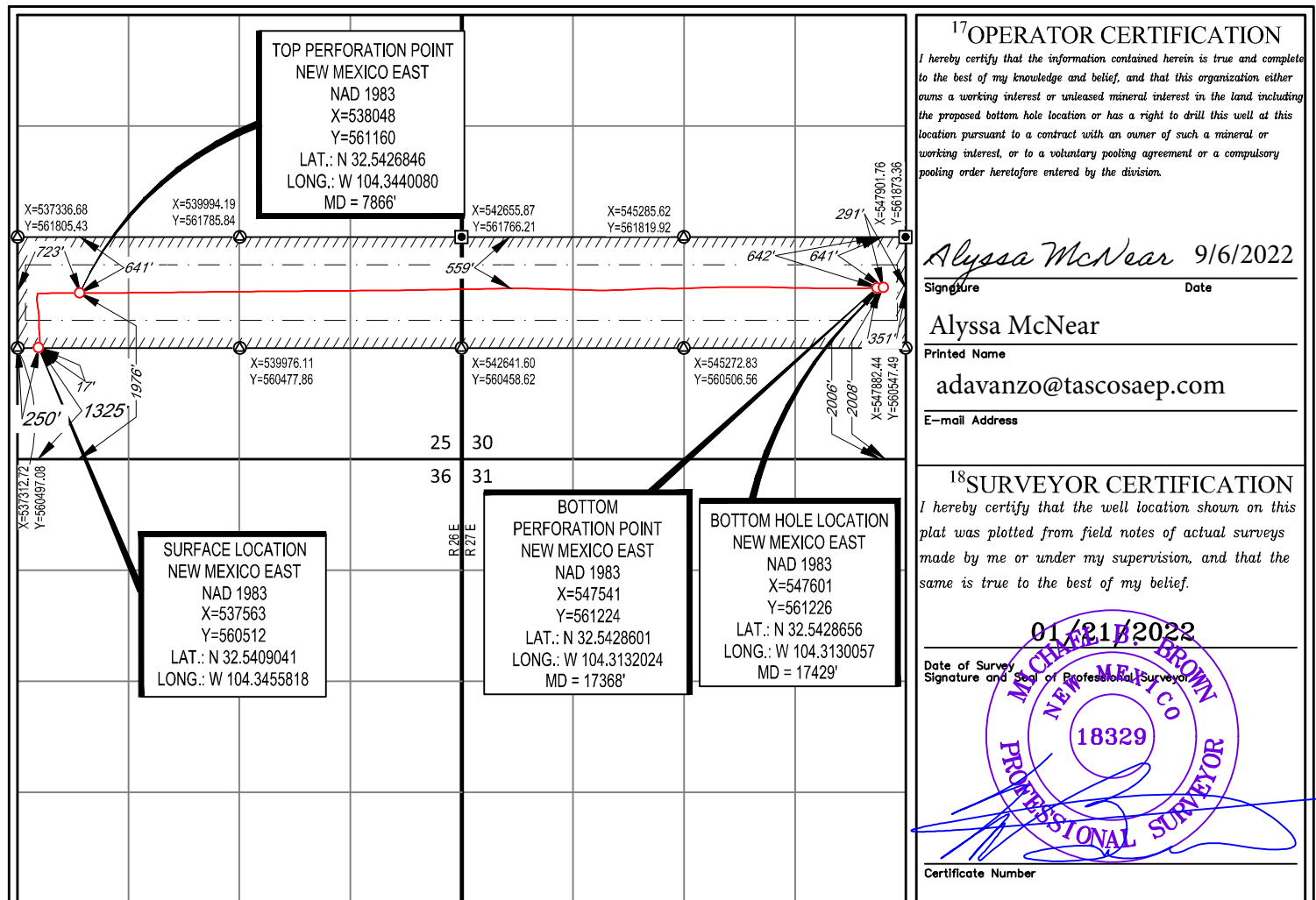
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	25	20-S	26-E	-	1325'	SOUTH	250'	WEST	EDDY

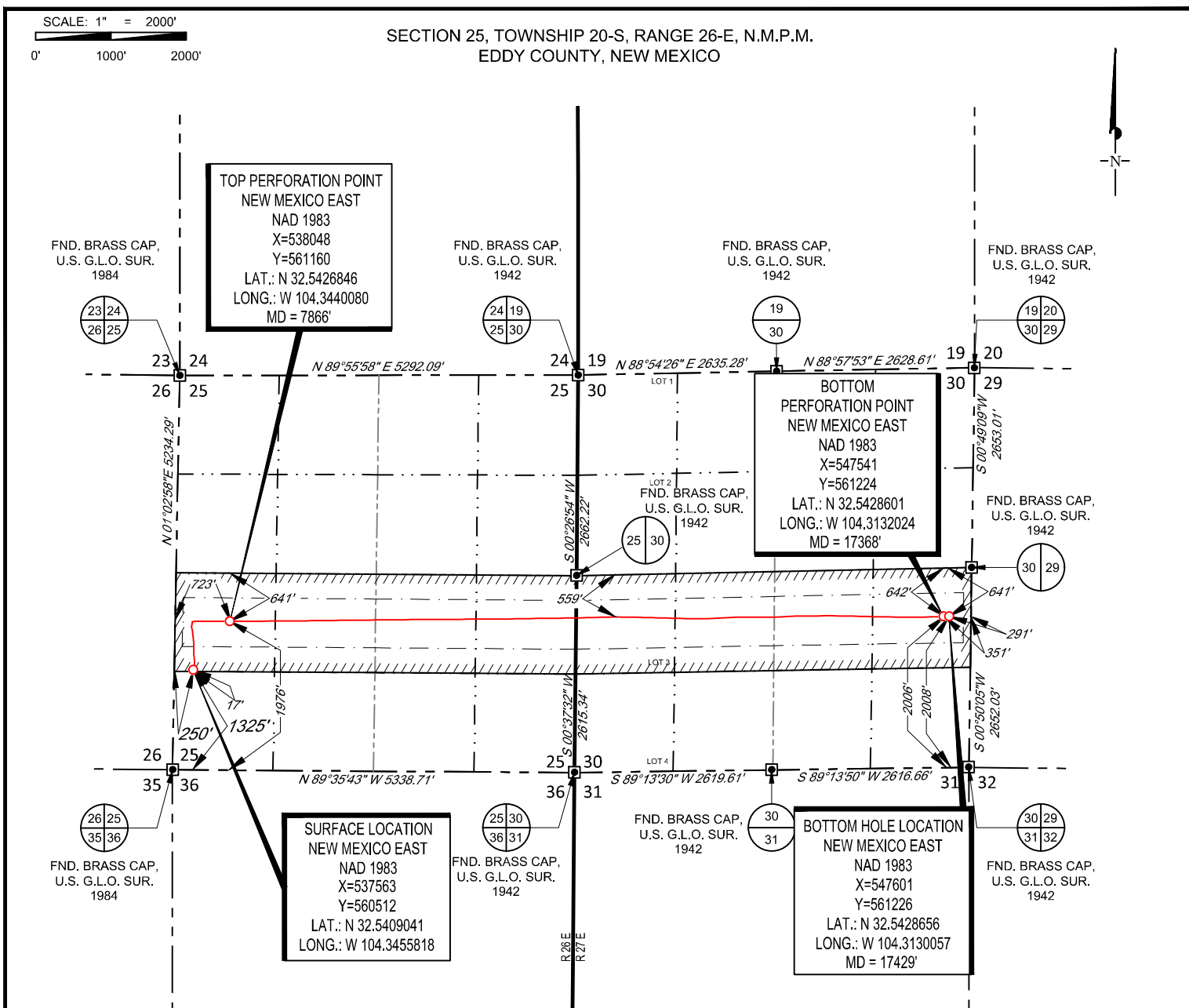
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	30	20-S	27-E	-	2008'	SOUTH	291'	EAST	EDDY

¹² Dedicated Acres 317.35	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





LEASE NAME & WELL NO.: CATALINA 2530 STATE COM 2H

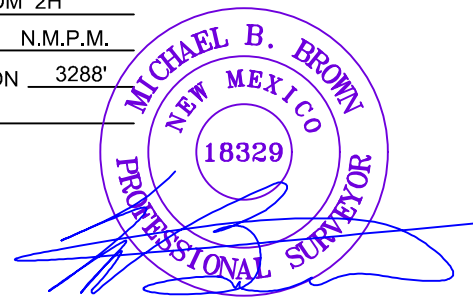
SECTION 25 TWP 20-S RGE 26-E SURVEY N.M.P.M.

COUNTY EDDY STATE NM ELEVATION 3288'

DESCRIPTION 1325' FSL & 250' FWL

TASCOSA ENERGY
PARTNERS, LLC

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM



Michael Blake Brown, P.S. No. 18329

July 21, 2022

CATALINA 2530 STATE COM 2H AS-COMPLETED	REVISION:		NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TASCOSA ENERGY PARTNERS, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
DATE: 07/21/22			
FILE:AD_CATALINA_2530_STATE_COM_2H			
DRAWN BY: SAR			
SHEET : 2 OF 2			

S:\SURVEY\TASCOSA ENERGY PARTNERS\CATALINA_2530_STATE_COM_2_3_PADI\FINAL_PRODUCTS\AD_CATALINA_2530_STATE_COM_2H.DWG 7/25/2022 9:06:24 AM juliana.franklin



Tascosa Energy Partners, LLC.

Eddy County, NM (NAD 83 - NME)

Catalina 2530 State Com

Catalina 2530 State Com 2H

OH / 69443

Design: Surveys (Sendero 103)

Standard Survey Report

14 July, 2022



Phoenix Survey Report

Company:	Tascosa Energy Partners, LLC.	Local Co-ordinate Reference:	Well Catalina 2530 State Com 2H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB @ 3316.00usft (Sendero 103)
Site:	Catalina 2530 State Com	MD Reference:	RKB @ 3316.00usft (Sendero 103)
Well:	Catalina 2530 State Com 2H	North Reference:	Grid
Wellbore:	OH / 69443	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Sendero 103)	Database:	USA Compass

Project	Eddy County, NM (NAD 83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Catalina 2530 State Com		
Site Position:		Northing:	560,511.83 usft
From:	Map	Easting:	537,563.09 usft
Position Uncertainty:	1.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 32' 27.254899 N
		Longitude:	104° 20' 44.094430 W
		Grid Convergence:	-0.007 °

Well	Catalina 2530 State Com 2H		
Well Position	+N/-S	0.00 usft	Northing: 560,511.83 usft
	+E/-W	0.00 usft	Easting: 537,563.09 usft
Position Uncertainty	1.00 usft		Wellhead Elevation: usft
			Latitude: 32° 32' 27.254899 N
			Longitude: 104° 20' 44.094430 W
			Ground Level: 3,289.00 usft

Wellbore	OH / 69443		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	4/15/2022	6.934
			Dip Angle (°) 60.154
			Field Strength (nT) 47,683.76333452

Design	Surveys (Sendero 103)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 89.68

Survey Program	Date	7/14/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
27.00	454.00	Integrity MWD Surveys - Surface (OH / 69443)	MWD+HRGM	OWSG MWD + HRGM
523.00	523.00	Phoenix Gyro Surveys (OH / 69443)	SPT_C100Gd_GTD_WLir	WLine- GyroTracer_Gasway (Oman) & Phoenix/C
661.00	17,430.00	Phoenix MWD Surveys (OH / 69443)	MWD+HRGM	OWSG MWD + HRGM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.00	0.00	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00
136.00	0.70	114.56	136.00	-0.28	0.61	0.60	0.64	0.64	0.00
245.00	1.01	194.19	244.99	-1.48	0.98	0.97	1.03	0.28	73.06
332.00	1.23	180.91	331.97	-3.16	0.77	0.76	0.39	0.25	-15.26
427.00	1.14	167.52	426.95	-5.10	0.96	0.93	0.31	-0.09	-14.09
454.00	1.68	178.10	453.94	-5.76	1.03	1.00	2.21	2.00	39.19
523.00	2.07	155.50	522.91	-7.91	1.58	1.54	1.20	0.57	-32.75
Tie In									



Phoenix Survey Report

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Site:	Catalina 2530 State Com	MD Reference:	RKB @ 3316.00usft (Sendero 103)
Well:	Catalina 2530 State Com 2H	North Reference:	Grid
Wellbore:	OH / 69443	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Sendero 103)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
661.00	5.89	136.38	660.55	-15.30	7.50	7.42	2.89	2.77	-13.86
First Phoenix MWD Survey									
753.00	6.32	137.13	752.03	-22.43	14.20	14.08	0.48	0.47	0.82
844.00	4.96	136.96	842.59	-28.98	20.30	20.13	1.49	-1.49	-0.19
936.00	2.99	130.49	934.36	-33.44	24.84	24.65	2.19	-2.14	-7.03
1,027.00	1.24	95.96	1,025.30	-35.09	27.62	27.42	2.30	-1.92	-37.95
1,114.00	1.35	31.45	1,112.28	-34.31	29.09	28.90	1.59	0.13	-74.15
1,207.00	1.34	35.28	1,205.26	-32.49	30.29	30.11	0.10	-0.01	4.12
1,299.00	1.94	2.26	1,297.22	-30.05	30.98	30.81	1.19	0.65	-35.89
1,394.00	2.73	351.93	1,392.14	-26.21	30.72	30.57	0.94	0.83	-10.87
1,489.00	2.79	352.65	1,487.03	-21.67	30.11	29.99	0.07	0.06	0.76
1,583.00	1.96	343.11	1,580.95	-17.87	29.35	29.25	0.98	-0.88	-10.15
1,677.00	1.65	333.91	1,674.90	-15.11	28.29	28.20	0.45	-0.33	-9.79
1,770.00	1.83	335.45	1,767.86	-12.56	27.08	27.01	0.20	0.19	1.66
1,865.00	2.12	338.40	1,862.80	-9.55	25.80	25.75	0.32	0.31	3.11
1,960.00	0.97	329.88	1,957.77	-7.22	24.75	24.71	1.23	-1.21	-8.97
2,054.00	0.29	277.53	2,051.76	-6.50	24.12	24.08	0.88	-0.72	-55.69
2,148.00	0.33	278.89	2,145.76	-6.43	23.61	23.58	0.04	0.04	1.45
2,243.00	0.51	284.85	2,240.76	-6.27	22.94	22.90	0.19	0.19	6.27
2,337.00	0.69	282.80	2,334.75	-6.04	21.98	21.94	0.19	0.19	-2.18
2,431.00	0.94	283.29	2,428.74	-5.74	20.68	20.64	0.27	0.27	0.52
2,525.00	1.23	281.28	2,522.73	-5.36	18.94	18.91	0.31	0.31	-2.14
2,619.00	1.49	282.45	2,616.70	-4.90	16.75	16.73	0.28	0.28	1.24
2,713.00	1.44	285.52	2,710.67	-4.32	14.42	14.40	0.10	-0.05	3.27
2,808.00	0.49	314.99	2,805.66	-3.72	12.99	12.96	1.10	-1.00	31.02
2,902.00	0.43	25.96	2,899.65	-3.12	12.86	12.84	0.57	-0.06	75.50
2,943.00	0.52	21.82	2,940.65	-2.81	12.99	12.98	0.23	0.22	-10.10
3,120.00	1.62	117.51	3,117.63	-3.22	15.51	15.49	0.99	0.62	54.06
3,214.00	5.39	151.74	3,211.44	-7.72	18.78	18.74	4.42	4.01	36.41
3,294.00	7.02	148.72	3,290.97	-15.21	23.10	23.01	2.08	2.04	-3.78
3,309.00	7.43	148.36	3,305.85	-16.82	24.08	23.99	2.75	2.73	-2.40
3,403.00	4.66	148.91	3,399.32	-25.26	29.24	29.10	2.95	-2.95	0.59
3,496.00	0.65	157.93	3,492.20	-28.99	31.39	31.23	4.32	-4.31	9.70
3,589.00	3.50	349.70	3,585.15	-26.68	31.08	30.93	4.45	3.06	-180.89
3,683.00	6.78	355.96	3,678.76	-18.32	30.18	30.08	3.53	3.49	6.66
3,777.00	9.57	353.22	3,771.80	-5.03	28.87	28.84	3.00	2.97	-2.91
3,872.00	12.23	356.18	3,865.08	12.86	27.26	27.33	2.86	2.80	3.12
3,966.00	14.07	352.33	3,956.61	34.12	25.07	25.26	2.17	1.96	-4.10
4,060.00	13.23	352.87	4,047.95	56.12	22.21	22.53	0.90	-0.89	0.57
4,154.00	15.08	355.31	4,139.10	78.98	19.88	20.32	2.07	1.97	2.60
4,248.00	14.55	355.47	4,229.97	102.94	17.95	18.52	0.57	-0.56	0.17
4,342.00	16.16	356.76	4,320.61	127.77	16.27	16.99	1.75	1.71	1.37
4,436.00	15.38	356.93	4,411.07	153.28	14.87	15.73	0.83	-0.83	0.18



Phoenix Survey Report

Company:	Tascosa Energy Partners, LLC.	Local Co-ordinate Reference:	Well Catalina 2530 State Com 2H
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Well:	Catalina 2530 State Com 2H	North Reference:	Grid
Wellbore:	OH / 69443	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Sendero 103)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,530.00	14.43	355.69	4,501.91	177.40	13.32	14.31	1.07	-1.01	-1.32
4,624.00	15.86	352.42	4,592.64	201.82	10.74	11.88	1.77	1.52	-3.48
4,718.00	15.75	357.41	4,683.09	227.30	8.47	9.75	1.45	-0.12	5.31
4,813.00	14.15	357.84	4,774.88	251.78	7.45	8.86	1.69	-1.68	0.45
4,906.00	14.98	358.92	4,864.89	275.16	6.80	8.34	0.94	0.89	1.16
5,000.00	14.46	359.56	4,955.80	299.04	6.48	8.15	0.58	-0.55	0.68
5,094.00	14.04	0.64	5,046.91	322.18	6.52	8.32	0.53	-0.45	1.15
5,188.00	13.72	2.33	5,138.16	344.72	7.10	9.03	0.55	-0.34	1.80
5,282.00	15.07	356.85	5,229.22	368.06	6.88	8.94	2.04	1.44	-5.83
5,377.00	14.55	355.79	5,321.06	392.29	5.32	7.52	0.62	-0.55	-1.12
5,471.00	13.65	354.66	5,412.23	415.11	3.43	5.75	1.00	-0.96	-1.20
5,565.00	14.77	351.54	5,503.35	438.01	0.63	3.08	1.44	1.19	-3.32
5,658.00	13.87	351.00	5,593.46	460.74	-2.86	-0.28	0.98	-0.97	-0.58
5,753.00	15.89	354.72	5,685.27	484.94	-5.84	-3.12	2.35	2.13	3.92
5,848.00	14.84	352.10	5,776.88	509.94	-8.71	-5.85	1.32	-1.11	-2.76
5,943.00	13.03	348.87	5,869.08	532.50	-12.45	-9.46	2.07	-1.91	-3.40
6,036.00	11.37	346.57	5,959.97	551.71	-16.60	-13.51	1.86	-1.78	-2.47
6,130.00	8.67	358.46	6,052.54	567.81	-18.94	-15.76	3.60	-2.87	12.65
6,225.00	7.41	1.06	6,146.61	581.09	-19.02	-15.77	1.38	-1.33	2.74
6,319.00	6.50	10.74	6,239.92	592.38	-17.92	-14.60	1.58	-0.97	10.30
6,413.00	5.85	13.12	6,333.37	602.27	-15.84	-12.46	0.74	-0.69	2.53
6,507.00	5.39	13.17	6,426.92	611.24	-13.74	-10.32	0.49	-0.49	0.05
6,601.00	4.55	9.19	6,520.57	619.22	-12.14	-8.67	0.97	-0.89	-4.23
6,695.00	3.88	14.50	6,614.31	625.98	-10.75	-7.25	0.82	-0.71	5.65
6,789.00	3.30	8.20	6,708.13	631.73	-9.57	-6.03	0.75	-0.62	-6.70
6,884.00	2.77	6.93	6,802.99	636.72	-8.90	-5.34	0.56	-0.56	-1.34
6,978.00	1.55	353.05	6,896.93	640.24	-8.78	-5.20	1.40	-1.30	-14.77
7,034.00	1.40	342.34	6,952.91	641.64	-9.08	-5.49	0.56	-0.27	-19.13
7034.00' MD (6952.91' TVD) - Lat: 32° 32' 33.604280 N, Long: 104° 20' 44.201385 W - X: 537554.00, Y: 561153.47 - 1967' FSL									
7,129.00	8.80	79.03	7,047.53	644.13	-2.29	1.32	9.55	7.79	101.78
7,224.00	18.06	87.11	7,139.84	646.26	19.61	23.22	9.92	9.75	8.51
7,318.00	27.52	92.00	7,226.41	646.24	55.95	59.57	10.26	10.06	5.20
7,412.00	38.95	89.78	7,304.91	645.59	107.37	110.98	12.23	12.16	-2.36
7,505.00	45.40	87.80	7,373.80	646.98	169.75	173.37	7.08	6.94	-2.13
7,599.00	56.79	90.33	7,432.74	648.04	242.76	246.39	12.29	12.12	2.69
7,692.00	62.02	90.35	7,480.06	647.57	322.79	326.41	5.62	5.62	0.02
7,786.00	68.65	90.11	7,519.26	647.23	408.16	411.78	7.06	7.05	-0.26
7,881.00	74.59	89.23	7,549.21	647.76	498.27	501.89	6.31	6.25	-0.93
7,973.00	82.59	89.69	7,567.39	648.60	588.38	592.00	8.71	8.70	0.50
7973.00' MD (7567.39' TVD) - 1978' FSL, 826' FWL - X: 538151.46, Y: 561160.43 - Landing Point - Lat: 32° 32' 33.673804 N									
8,067.00	86.19	90.66	7,576.58	648.31	681.91	685.53	3.97	3.83	1.03
8,151.00	88.90	90.23	7,580.18	647.66	765.82	769.44	3.27	3.23	-0.51
8,310.00	88.90	88.60	7,583.23	649.29	924.78	928.40	1.02	0.00	-1.03
8,405.00	88.71	89.40	7,585.21	650.94	1,019.75	1,023.38	0.87	-0.20	0.84



Phoenix Survey Report

Company:	Tascosa Energy Partners, LLC.	Local Co-ordinate Reference:	Well Catalina 2530 State Com 2H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB @ 3316.00usft (Sendero 103)
Site:	Catalina 2530 State Com	MD Reference:	RKB @ 3316.00usft (Sendero 103)
Well:	Catalina 2530 State Com 2H	North Reference:	Grid
Wellbore:	OH / 69443	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Sendero 103)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,499.00	88.73	89.73	7,587.31	651.66	1,113.72	1,117.35	0.35	0.02	0.35
8,592.00	89.38	89.66	7,588.84	652.15	1,206.70	1,210.34	0.70	0.70	-0.08
8,686.00	89.42	89.39	7,589.83	652.93	1,300.70	1,304.33	0.29	0.04	-0.29
8,780.00	89.35	89.49	7,590.84	653.85	1,394.69	1,398.33	0.13	-0.07	0.11
8,873.00	89.44	89.33	7,591.82	654.81	1,487.68	1,491.32	0.20	0.10	-0.17
8,967.00	89.39	89.31	7,592.78	655.92	1,581.66	1,585.31	0.06	-0.05	-0.02
9,063.00	89.25	89.32	7,593.92	657.07	1,677.65	1,681.30	0.15	-0.15	0.01
9,156.00	89.33	89.55	7,595.07	657.99	1,770.64	1,774.30	0.26	0.09	0.25
9,251.00	89.45	89.22	7,596.08	659.01	1,865.63	1,869.29	0.37	0.13	-0.35
9,346.00	89.19	89.13	7,597.21	660.38	1,960.61	1,964.28	0.29	-0.27	-0.09
9,440.00	88.67	89.19	7,598.96	661.75	2,054.58	2,058.26	0.56	-0.55	0.06
9,534.00	88.39	89.62	7,601.38	662.73	2,148.55	2,152.23	0.55	-0.30	0.46
9,628.00	88.59	89.58	7,603.85	663.38	2,242.51	2,246.19	0.22	0.21	-0.04
9,721.00	88.31	89.51	7,606.37	664.12	2,335.48	2,339.16	0.31	-0.30	-0.08
9,816.00	88.28	89.40	7,609.20	665.03	2,430.43	2,434.12	0.12	-0.03	-0.12
9,910.00	88.39	89.45	7,611.93	665.97	2,524.39	2,528.08	0.13	0.12	0.05
10,004.00	88.36	89.37	7,614.59	666.94	2,618.34	2,622.04	0.09	-0.03	-0.09
10,099.00	88.42	89.32	7,617.26	668.02	2,713.30	2,717.00	0.08	0.06	-0.05
10,193.00	88.36	89.31	7,619.90	669.15	2,807.26	2,810.96	0.06	-0.06	-0.01
10,287.00	88.38	89.44	7,622.58	670.17	2,901.21	2,904.92	0.14	0.02	0.14
10,381.00	88.28	89.76	7,625.32	670.83	2,995.17	2,998.88	0.36	-0.11	0.34
10,475.00	87.39	89.53	7,628.87	671.41	3,089.10	3,092.81	0.98	-0.95	-0.24
10,569.00	87.26	89.67	7,633.25	672.06	3,182.99	3,186.71	0.20	-0.14	0.15
10,662.00	87.25	89.60	7,637.71	672.66	3,275.89	3,279.60	0.08	-0.01	-0.08
10,756.00	87.51	89.62	7,642.00	673.29	3,369.79	3,373.50	0.28	0.28	0.02
10,849.00	87.30	89.63	7,646.22	673.90	3,462.69	3,466.41	0.23	-0.23	0.01
10,944.00	87.66	89.58	7,650.39	674.56	3,557.59	3,561.32	0.38	0.38	-0.05
11,038.00	87.85	89.50	7,654.07	675.31	3,651.52	3,655.24	0.22	0.20	-0.09
11,130.00	87.88	89.50	7,657.50	676.11	3,743.45	3,747.18	0.03	0.03	0.00
11,221.00	88.25	89.61	7,660.57	676.82	3,834.40	3,838.13	0.42	0.41	0.12
11,312.00	88.34	89.51	7,663.28	677.52	3,925.35	3,929.09	0.15	0.10	-0.11
11,404.00	88.26	89.71	7,666.01	678.14	4,017.31	4,021.05	0.23	-0.09	0.22
11,496.00	89.18	89.64	7,668.07	678.67	4,109.29	4,113.02	1.00	1.00	-0.08
11,587.00	90.12	89.48	7,668.62	679.37	4,200.28	4,204.02	1.05	1.03	-0.18
11,679.00	89.84	88.82	7,668.65	680.73	4,292.27	4,296.01	0.78	-0.30	-0.72
11,771.00	87.63	88.57	7,670.69	682.82	4,384.22	4,387.97	2.42	-2.40	-0.27
11,863.00	87.84	89.32	7,674.32	684.52	4,476.13	4,479.89	0.85	0.23	0.82
11,957.00	87.90	89.39	7,677.82	685.57	4,570.06	4,573.83	0.10	0.06	0.07
12,052.00	88.01	89.37	7,681.21	686.60	4,664.99	4,668.76	0.12	0.12	-0.02
12,147.00	88.48	89.07	7,684.11	687.89	4,759.94	4,763.72	0.59	0.49	-0.32
12,242.00	87.82	88.66	7,687.18	689.78	4,854.87	4,858.66	0.82	-0.69	-0.43
12,336.00	88.16	89.06	7,690.48	691.64	4,948.79	4,952.59	0.56	0.36	0.43
12,430.00	87.57	88.91	7,693.98	693.31	5,042.71	5,046.52	0.65	-0.63	-0.16



Phoenix Survey Report

Company:	Tascosa Energy Partners, LLC.	Local Co-ordinate Reference:	Well Catalina 2530 State Com 2H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB @ 3316.00usft (Sendero 103)
Site:	Catalina 2530 State Com	MD Reference:	RKB @ 3316.00usft (Sendero 103)
Well:	Catalina 2530 State Com 2H	North Reference:	Grid
Wellbore:	OH / 69443	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Sendero 103)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,525.00	87.74	89.19	7,697.87	694.88	5,137.62	5,141.43	0.34	0.18	0.29
12,619.00	87.51	88.94	7,701.76	696.41	5,231.53	5,235.34	0.36	-0.24	-0.27
12,713.00	87.87	89.13	7,705.55	698.00	5,325.44	5,329.26	0.43	0.38	0.20
12,808.00	88.96	88.30	7,708.18	700.13	5,420.37	5,424.21	1.44	1.15	-0.87
12,903.00	88.60	87.83	7,710.20	703.33	5,515.30	5,519.15	0.62	-0.38	-0.49
12,997.00	87.34	89.50	7,713.53	705.52	5,609.21	5,613.07	2.22	-1.34	1.78
13,092.00	88.18	91.76	7,717.25	704.48	5,704.12	5,707.98	2.54	0.88	2.38
13,187.00	88.63	91.34	7,719.89	701.91	5,799.05	5,802.89	0.65	0.47	-0.44
13,282.00	88.40	90.78	7,722.35	700.15	5,894.00	5,897.83	0.64	-0.24	-0.59
13,376.00	88.62	91.31	7,724.80	698.44	5,987.95	5,991.77	0.61	0.23	0.56
13,471.00	88.92	91.33	7,726.84	696.25	6,082.91	6,086.71	0.32	0.32	0.02
13,565.00	88.74	91.55	7,728.75	693.89	6,176.86	6,180.65	0.30	-0.19	0.23
13,659.00	89.84	92.26	7,729.92	690.76	6,270.80	6,274.57	1.39	1.17	0.76
13,753.00	89.72	91.55	7,730.28	687.64	6,364.74	6,368.49	0.77	-0.13	-0.76
13,847.00	89.39	91.16	7,731.01	685.42	6,458.71	6,462.45	0.54	-0.35	-0.41
13,940.00	89.87	91.26	7,731.61	683.45	6,551.69	6,555.42	0.53	0.52	0.11
14,035.00	89.42	91.33	7,732.20	681.31	6,646.66	6,650.38	0.48	-0.47	0.07
14,129.00	90.69	89.88	7,732.11	680.31	6,740.65	6,744.36	2.05	1.35	-1.54
14,223.00	90.02	88.17	7,731.53	681.91	6,834.64	6,838.35	1.95	-0.71	-1.82
14,316.00	89.16	87.29	7,732.19	685.60	6,927.56	6,931.29	1.32	-0.92	-0.95
14,411.00	89.32	86.92	7,733.45	690.39	7,022.43	7,026.18	0.42	0.17	-0.39
14,505.00	87.46	86.39	7,736.09	695.88	7,116.23	7,120.01	2.06	-1.98	-0.56
14,601.00	85.99	87.55	7,741.58	700.94	7,211.93	7,215.74	1.95	-1.53	1.21
14,739.00	85.38	90.59	7,751.96	703.18	7,349.51	7,353.33	2.24	-0.44	2.20
14,833.00	86.66	90.65	7,758.49	702.16	7,443.27	7,447.09	1.36	1.36	0.06
14,927.00	88.05	90.35	7,762.83	701.34	7,537.16	7,540.97	1.51	1.48	-0.32
15,021.00	90.67	89.26	7,763.87	701.66	7,631.15	7,634.96	3.02	2.79	-1.16
15,115.00	90.62	88.15	7,762.82	703.79	7,725.12	7,728.94	1.18	-0.05	-1.18
15,210.00	91.26	87.40	7,761.26	707.48	7,820.03	7,823.87	1.04	0.67	-0.79
15,304.00	91.52	87.41	7,758.98	711.73	7,913.91	7,917.77	0.28	0.28	0.01
15,399.00	91.01	88.70	7,756.88	714.95	8,008.83	8,012.71	1.46	-0.54	1.36
15,494.00	92.55	89.02	7,753.93	716.84	8,103.76	8,107.65	1.66	1.62	0.34
15,589.00	91.04	89.93	7,750.95	717.71	8,198.71	8,202.60	1.86	-1.59	0.96
15,684.00	91.36	89.07	7,748.96	718.54	8,293.68	8,297.57	0.97	0.34	-0.91
15,777.00	92.63	88.90	7,745.73	720.19	8,386.61	8,390.51	1.38	1.37	-0.18
15,871.00	90.35	90.78	7,743.28	720.45	8,480.56	8,484.47	3.14	-2.43	2.00
15,965.00	88.45	91.17	7,744.27	718.85	8,574.54	8,578.43	2.06	-2.02	0.41
16,060.00	88.76	90.95	7,746.58	717.09	8,669.50	8,673.38	0.40	0.33	-0.23
16,154.00	90.59	90.62	7,747.11	715.80	8,763.48	8,767.35	1.98	1.95	-0.35
16,248.00	88.14	91.41	7,748.15	714.14	8,857.45	8,861.31	2.74	-2.61	0.84
16,343.00	88.73	92.00	7,750.75	711.31	8,952.38	8,956.22	0.88	0.62	0.62
16,436.00	86.34	91.41	7,754.75	708.55	9,045.24	9,049.07	2.65	-2.57	-0.63
16,531.00	86.76	91.00	7,760.47	706.56	9,140.05	9,143.86	0.62	0.44	-0.43
16,626.00	88.47	90.85	7,764.42	705.02	9,234.95	9,238.75	1.81	1.80	-0.16



Phoenix Survey Report

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Site:	Catalina 2530 State Com	MD Reference:	RKB @ 3316.00usft (Sendero 103)
Well:	Catalina 2530 State Com 2H	North Reference:	Grid
Wellbore:	OH / 69443	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Sendero 103)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,720.00	86.94	90.92	7,768.18	703.57	9,328.86	9,332.65	1.63	-1.63	0.07
16,815.00	87.74	90.59	7,772.59	702.32	9,423.75	9,427.53	0.91	0.84	-0.35
16,910.00	88.27	90.21	7,775.90	701.66	9,518.69	9,522.47	0.69	0.56	-0.40
17,005.00	89.45	89.45	7,777.79	701.94	9,613.67	9,617.45	1.48	1.24	-0.80
17,098.00	90.21	88.69	7,778.07	703.45	9,706.65	9,710.44	1.16	0.82	-0.82
17,192.00	91.18	88.12	7,776.92	706.07	9,800.61	9,804.41	1.20	1.03	-0.61
17,287.00	91.53	88.07	7,774.68	709.22	9,895.53	9,899.35	0.37	0.37	-0.05
17,357.00	92.61	88.11	7,772.15	711.56	9,965.44	9,969.27	1.54	1.54	0.06
Final Phoenix MWD Survey									
17,430.00	92.61	88.11	7,768.83	713.96	10,038.33	10,042.17	0.00	0.00	0.00
X: 547601.41, Y: 561225.79 - Closure Distance: 10063.69' - 17430.00' MD (7768.83' TVD) - Actual BHL - Closure Direction									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
661.00	660.55	-15.30	7.50	First Phoenix MWD Survey
7,034.00	6,952.91	641.64	-9.08	7034.00' MD (6952.91' TVD)
7,034.00	6,952.91	641.64	-9.08	Lat: 32° 32' 33.604280 N, Long: 104° 20' 44.201385 W
7,034.00	6,952.91	641.64	-9.08	X: 537554.00, Y: 561153.47
7,034.00	6,952.91	641.64	-9.08	1967' FSL, 229' FWL
7,034.00	6,952.91	641.64	-9.08	KOP
7,973.00	7,567.39	648.60	588.38	7973.00' MD (7567.39' TVD)
7,973.00	7,567.39	648.60	588.38	1978' FSL, 826' FWL
7,973.00	7,567.39	648.60	588.38	X: 538151.46, Y: 561160.43
7,973.00	7,567.39	648.60	588.38	Landing Point
7,973.00	7,567.39	648.60	588.38	Lat: 32° 32' 33.673804 N, Long: 104° 20' 37.221454 W
17,357.00	7,772.15	711.56	9,965.44	Final Phoenix MWD Survey
17,430.00	7,768.83	713.96	10,038.33	X: 547601.41, Y: 561225.79
17,430.00	7,768.83	713.96	10,038.33	Closure Distance: 10063.69'
17,430.00	7,768.83	713.96	10,038.33	17430.00' MD (7768.83' TVD)
17,430.00	7,768.83	713.96	10,038.33	Actual BHL
17,430.00	7,768.83	713.96	10,038.33	Closure Direction: 85.93°
17,430.00	7,768.83	713.96	10,038.33	2008' FSL, 291' FEL
17,430.00	7,768.83	713.96	10,038.33	Lat: 32° 32' 34.316181 N, Long: 104° 18' 46.820541 W

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☐

API #	
Operator Name:	Property Name:
Well Number	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #	
Operator Name:	Property Name:
Well Number	

Estimated Formation Tops

Formation:	Top:	Formation:	Top:

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Catalina 25 30 State Com		
								6. Well Number: #002H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Tascosa Energy Partners, LLC.							9. OGRID 329748			
10. Address of Operator 901 W Missouri Avenue, Midland, TX 79701							11. Pool name or Wildcat Avalon; Bone Spring			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	25	20S	26E		1325	S	250	W	Eddy
BH:	I	30	20S	27E		2008	S	291	E	Eddy
13. Date Spudded 3/19/2022	14. Date T.D. Reached 6/18/2022		15. Date Rig Released 6/22/2022		16. Date Completed (Ready to Produce) 8/20/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3288' GL		
18. Total Measured Depth of Well 17,432			19. Plug Back Measured Depth 17,378		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run Neutron/GR/CCL		
22. Producing Interval(s), of this completion - Top, Bottom, Name Lower 3rd Bone Spring, 7866' - 17,368' TMD; 7567' - 7778' TVD										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375"		48		473'		17.5"		866 sx, 1" to surface		
9.625"		36		3,010		12.25"		750 sx, circ.		
5.5"		20		17,432'		8.75" (3010' - 8230'), 8.5" to TD		2670 sx, circ.		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2-7/8"	6955'	6955'		
26. Perforation record (interval, size, and number) Perfs: 7866' - 17,368' TMD, 6 SPF, 0.42" EHD, 2544 total holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						7866' -17,368'		19,618,346 lbs proppant, 1784 bbls HCL, 337,601 bbls SW		
28. PRODUCTION										
Date First Production 8/22/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 9/3/2022	Hours Tested 24	Choke Size 46/64ths	Prod'n For Test Period	Oil - Bbl 815	Gas - MCF 2826	Water - Bbl. 1813	Gas - Oil Ratio 3467 SCF/BL			
Flow Tubing Press. 811 psi	Casing Pressure 0 psi	Calculated 24-Hour Rate	Oil - Bbl. 815	Gas - MCF 2826	Water - Bbl. 1813	Oil Gravity - API - (<i>Corr.</i>) 43				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Flared. Gas is connected to Enterprise, but midstream company is shut down for field repairs								30. Test Witnessed By Brian Kirkland		
31. List Attachments Neutron/GR/CCL Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Alyssa McNear</i>			Printed Name Alyssa McNear		Title Engineering Manager			Date 9/6/2022		
E-mail Address adavanzo@tascosaep.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 468'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 8200'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1180'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 1800'	T. Morrison	
T. Drinkard	T. Bone Springs 2735'	T. Todilto	
T. Abo	T. 1st Bone Spring 5390'	T. Entrada	
T. Wolfcamp	T. 2nd Bone Spring 6150'	T. Wingate	
T. Penn	T. 3rd Bone Spring 7445'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

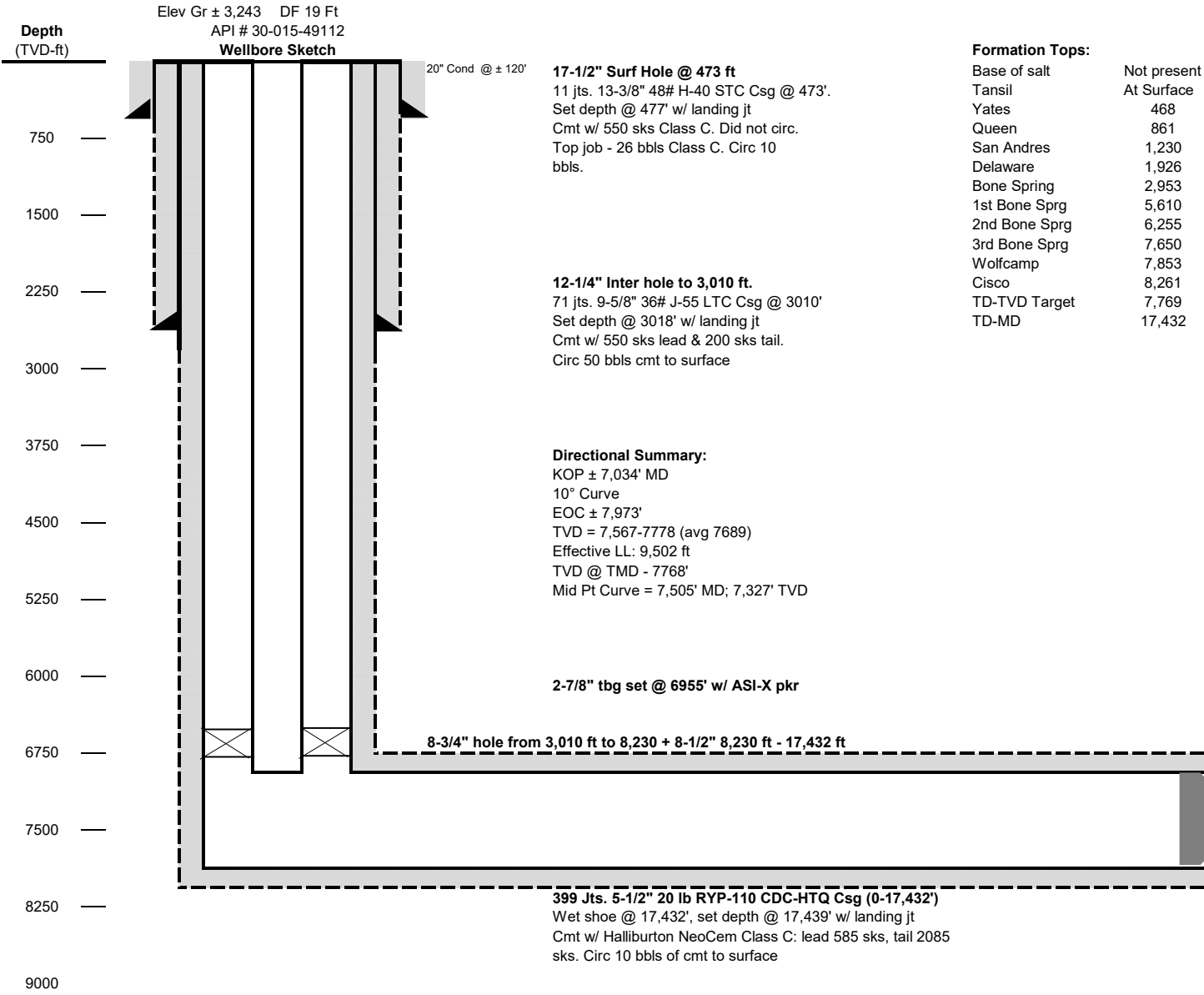
From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Catalina 2530 State Com # 2H

SHL = 1345 FNL & 250 FWL, Sec 25, T20S, R26E, Eddy County, NM
BHL = 2008 FSL & 291 FEL, Sec 30, T20S, R27W, Eddy County, NM

Nad 83
Lat = 32.5465091°N
Long = 104.3283828W



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 136065

ACKNOWLEDGMENTS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 136065
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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Phone: (505) 476-3441

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 136065

CONDITIONS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 136065
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/20/2025